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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 3

**Complete if Known**

Application Number	10/538,918
Filing Date	December 13, 2005
First Named Inventor	John Hansen
Art Unit	3761
Examiner Name	Melanie Jo Hand
Attorney Docket Number	13323-105003

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		2465860	03-29-1949	Fleischmann	
		4280954	07-28-1981	Yannas et al.	
		4982769	01-08-1991	Fournier et al.	
		5149540	09-22-1992	Kunihiro et al.	
		5387208	02-07-1995	Ashton et al.	
		5890610	04-06-1999	Jansen et al.	
		6638538	10-28-2003	Hashimoto et al.	
		6716435	04-06-2004	Farmer et al.	
		20010008636	07-19-2001	Yamamoto et al.	
		20020012982	01-31-2002	Blakesley et al.	
		20020111576	08-15-2002	Greene et al.	
		20050218541	10-06-2005	Peng et al.	
		20070264301	11-15-2007	Gore Enterprise Holdings Inc	
		20070264302	11-15-2007	Gore Enterprise Holdings Inc.	
		20080095830	04-24-2008	Ethicon Inc	
		20080311172	12-18-2008	Schapira et al.	
		20090087569	02-04-2009	Fan et al.	

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## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		WO 199408552	04-28-1994	Dura Pharma, Inc.		
		WO 1998036784	08-27-1998	Cook Inc.		
		WO 200061201	10-19-2000	Ganeden Biotech Inc.		
		WO 200113956	03-01-2001	Ganeden Biotech Inc.		
		WO 200166161	09-13-2001	Surmodics, Inc.		
		WO 200222059	03-21-2002	University of Virginia		
		WO2004053051	06-24-2004	Hansen et al.		
		WO 2007133699	11-22-2007	Gore Enterprise Holdings Inc		
		WO 2008051758	05-02-2008	Ethicon Inc		
		WO 2008090555	07-31-2008	Elutex Ltd.		
		WO 2009109963	09-11-2009	Omrix Biopharmaceuticals Ltd		

Examiner Signature		Date Considered	
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Gelfoam® RIM product information sheet, Pfizer, July 2007	
		International Preliminary Examination Report for International Application No. PCT/DK03/00855 dated June 6, 2005	
		M.G. Cascone et al.; "Collagen and hyaluronic acid based polymeric blends as drug delivery systems for the release of physiological concentrations of growth hormone." Journal of Materials science: Materials in Medicine; no. 5, 1994; pp. 770-774	
		Min et al. "Molecular Weight Changes of Sodium Hyaluronate Powder and Solution by Heat treatment," Matrix Biology Institute, Proceedings of Hyaluronan, Oct. 11-16, 2003	

Examiner Signature	/Melanie Hand/	Date Considered	10/18/2010
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